

Data File : VV011401.D
Acq On : 11 Jun 2019 19:24
Operator : SY/MD
Sample : K3291-01RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8G0

Quant Time: Jun 12 02:54:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137390	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29050	2.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.80%
7) Chloroethane-d5	1.55	69	29562	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.12	63	50583	2.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.60%#
20) 2-Butanone-d5	3.94	46	135508	57.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.64%
24) Chloroform-d	4.40	84	75326	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.08	65	47080	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.09	84	141743	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.11	67	46906	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.36	98	120003	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	7.66	79	13156	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.13	63	100008	52.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38997	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	43256	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

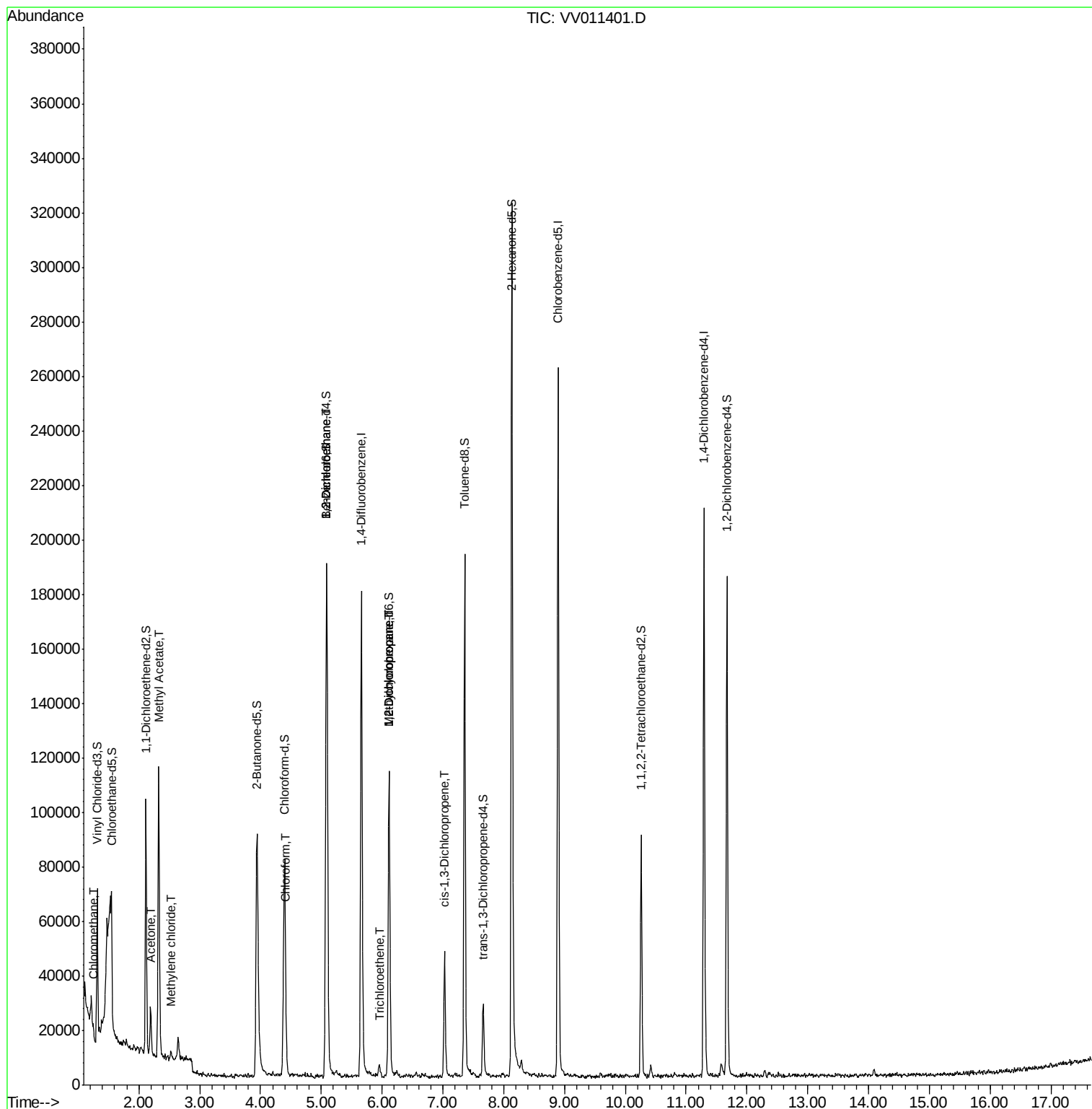
					Qvalue
3) Chloromethane	1.25	50	2046	0.156 ug/L	91
13) Acetone	2.19	43	13540	8.616 ug/L	94
15) Methyl Acetate	2.32	43	28098	6.732 ug/L #	53
16) Methylene chloride	2.52	84	996	0.112 ug/L	91
25) Chloroform	4.42	83	2169	0.110 ug/L	93
27) 1,2-Dichloroethane	5.09	62	1471	0.122 ug/L #	76
34) Trichloroethene	5.96	95	1058	0.100 ug/L #	75
35) Methylcyclohexane	6.11	83	11567	0.660 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6347	0.622 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1349	0.090 ug/L #	77

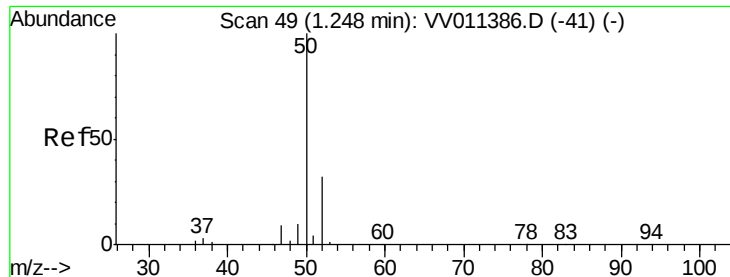
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.156 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011401.D

Acq: 11 Jun 2019 19:24

Instrument :

MSVOA_V

ClientSampleId :

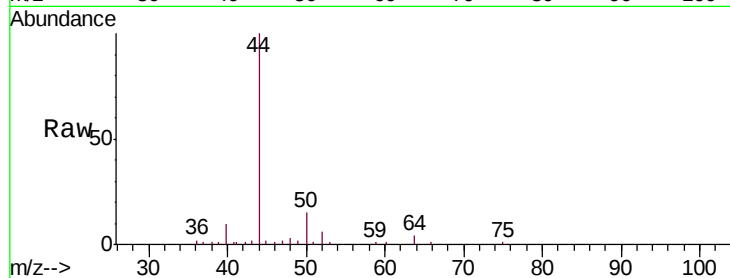
DB8G0

Tgt Ion: 50 Resp: 2046

Ion Ratio Lower Upper

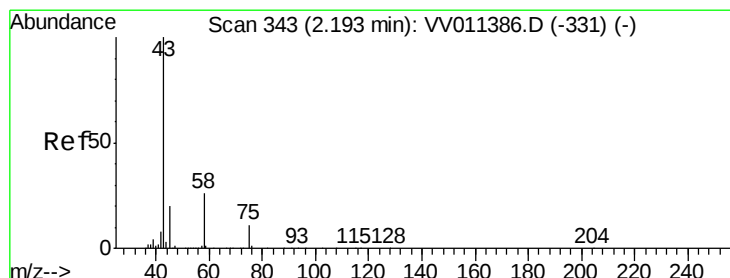
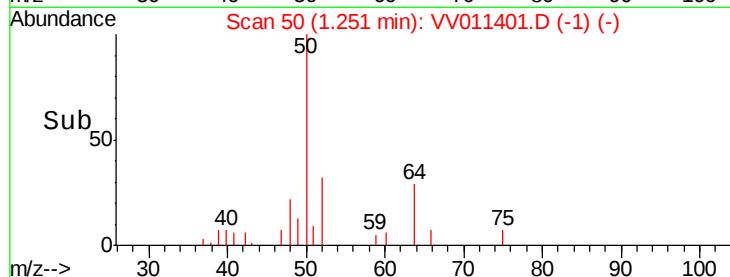
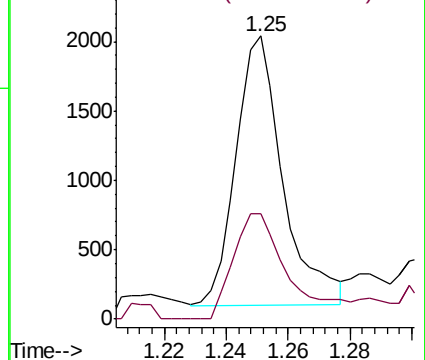
50 100

52 37.1 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 8.616 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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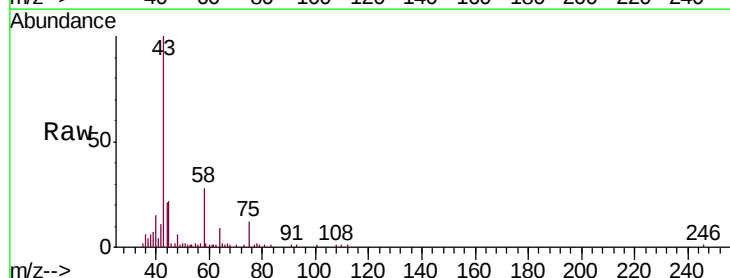
Acq: 11 Jun 2019 19:24

Tgt Ion: 43 Resp: 13540

Ion Ratio Lower Upper

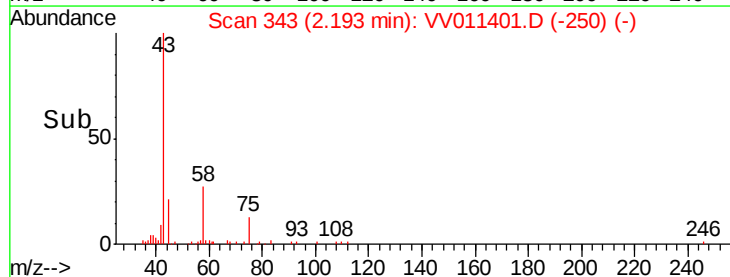
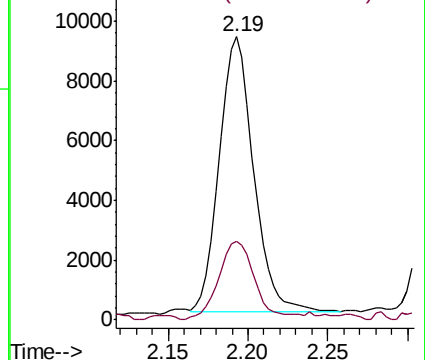
43 100

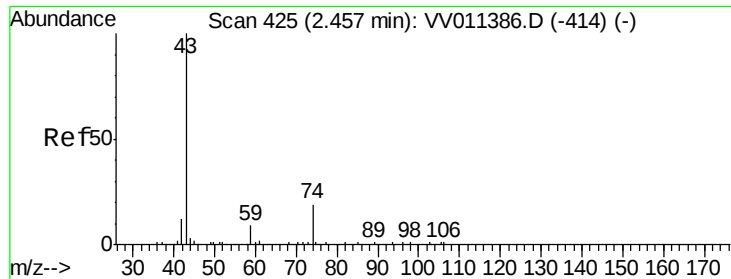
58 30.5 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

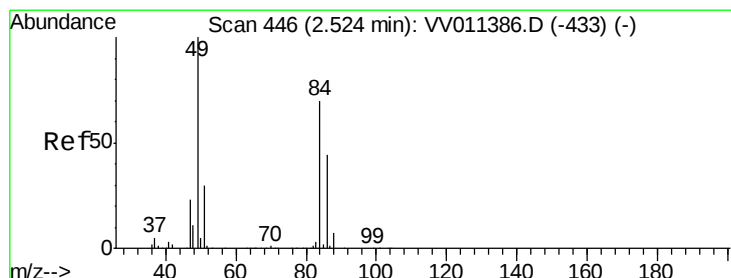
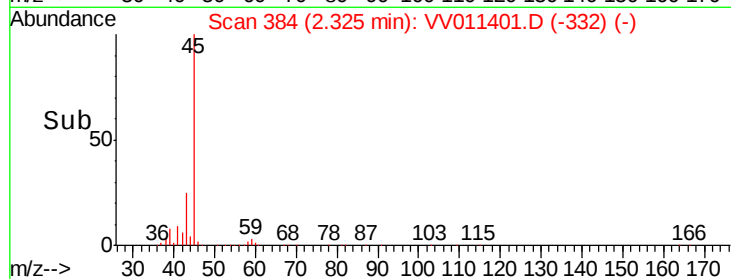
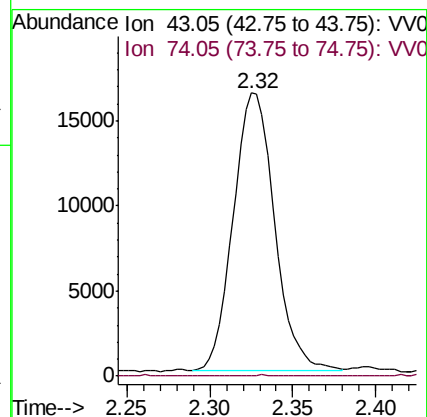
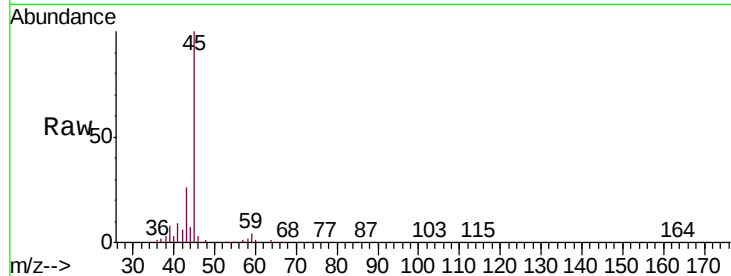




#15
Methyl Acetate
Concen: 6.732 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.13 min
Lab File: VV011401.D
Acq: 11 Jun 2019 19:24

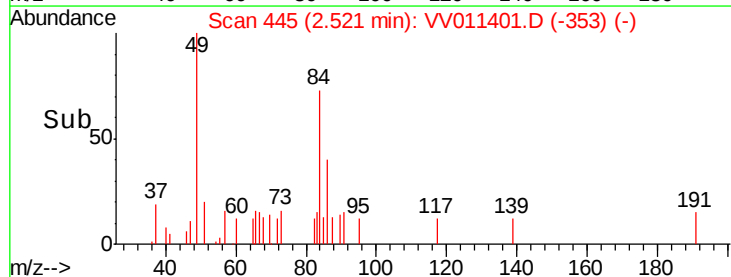
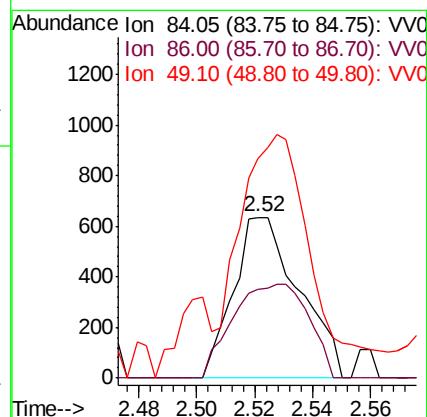
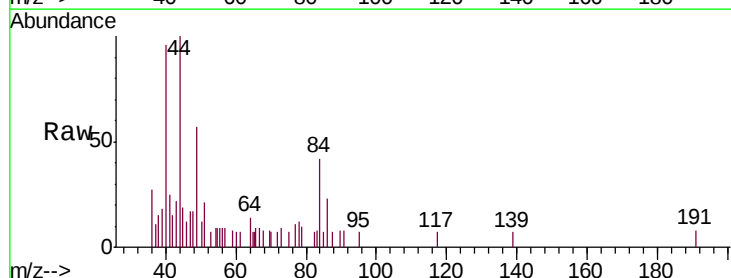
Instrument :
MSVOA_V
ClientSampleId :
DB8G0

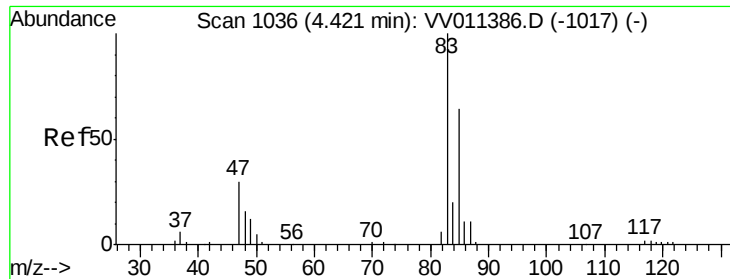
Tgt Ion: 43 Resp: 28098
Ion Ratio Lower Upper
43 100
74 0.1 18.5 27.7#



#16
Methylene chloride
Concen: 0.112 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV011401.D
Acq: 11 Jun 2019 19:24

Tgt Ion: 84 Resp: 996
Ion Ratio Lower Upper
84 100
86 54.9 44.9 83.3
49 136.5 102.1 189.5

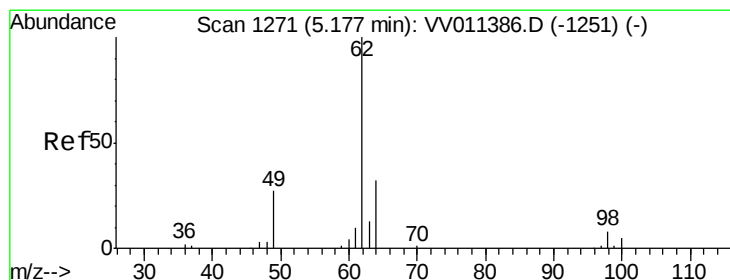
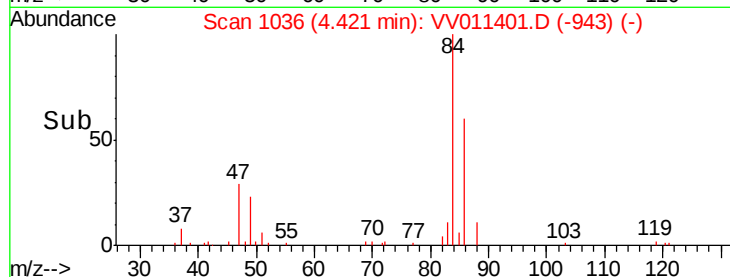
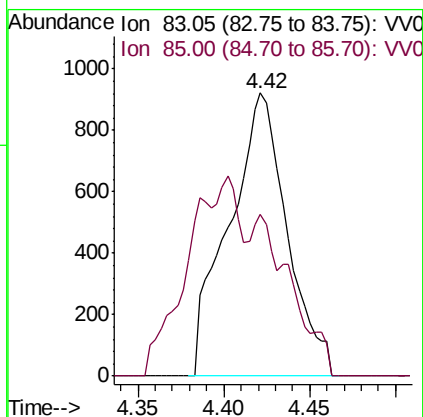
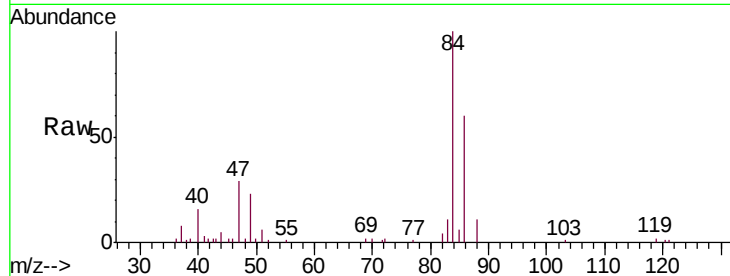




#25
Chloroform
Concen: 0.110 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011401.D
Acq: 11 Jun 2019 19:24

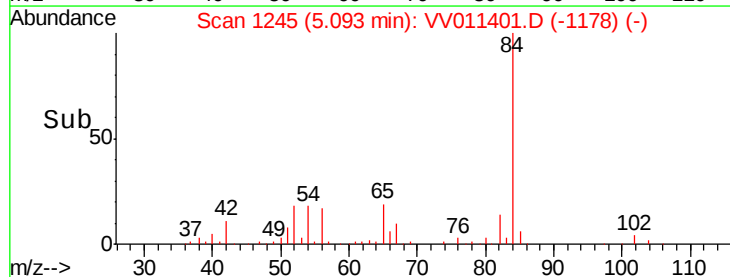
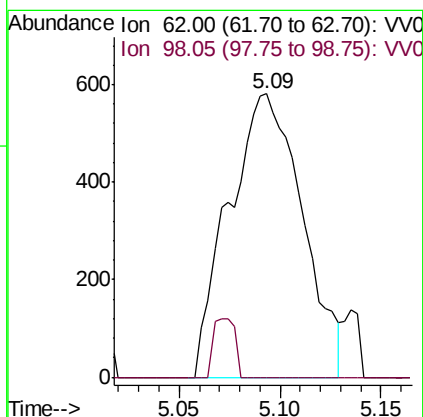
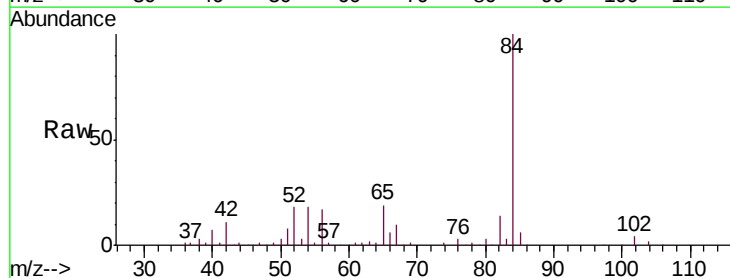
Instrument :
MSVOA_V
ClientSampleId :
DB8G0

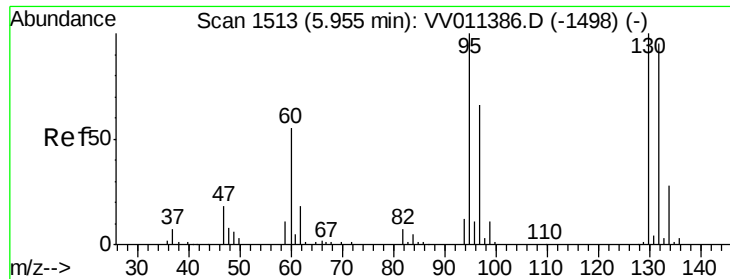
Tgt Ion: 83 Resp: 2169
Ion Ratio Lower Upper
83 100
85 57.3 44.1 81.9



#27
1,2-Dichloroethane
Concen: 0.122 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV011401.D
Acq: 11 Jun 2019 19:24

Tgt Ion: 62 Resp: 1471
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#





#34

Trichloroethene

Concen: 0.100 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011401.D

Acq: 11 Jun 2019 19:24

Instrument :

MSVOA_V

ClientSampleId :

DB8G0

Tgt Ion: 95 Resp: 1058

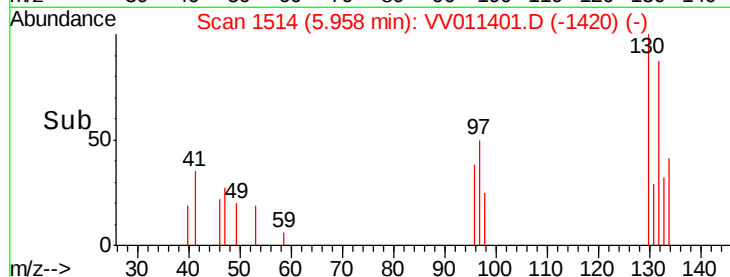
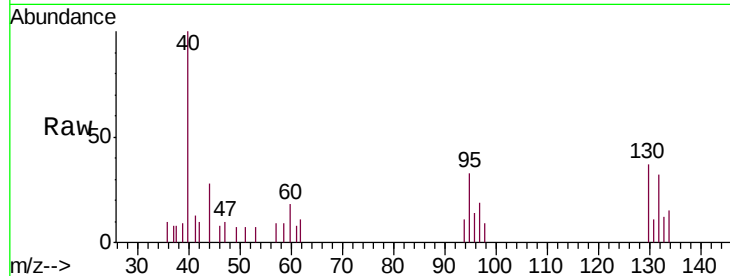
Ion Ratio Lower Upper

95 100

97 39.5 45.8 85.2#

132 68.7 66.4 123.2

130 78.8 68.3 126.8

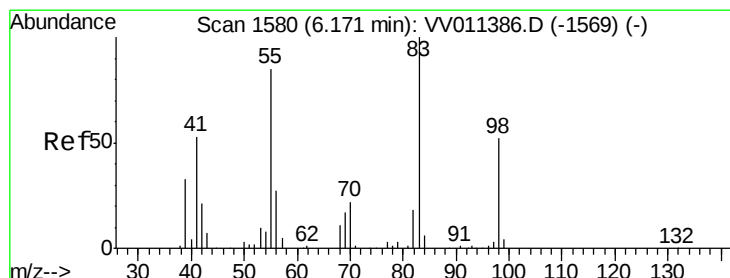
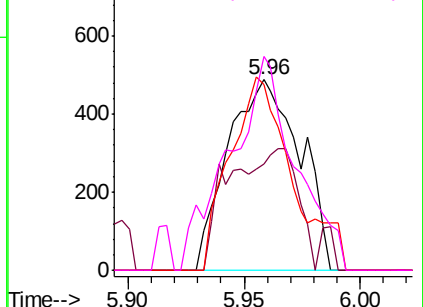


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011401.D

Acq: 11 Jun 2019 19:24

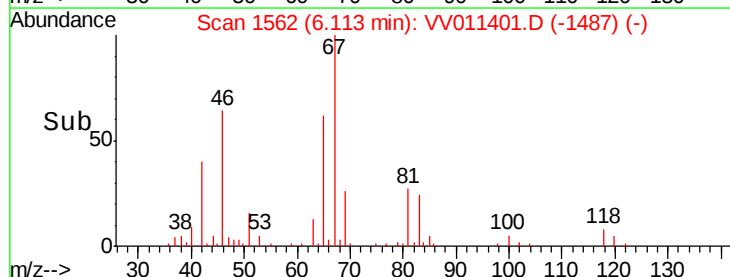
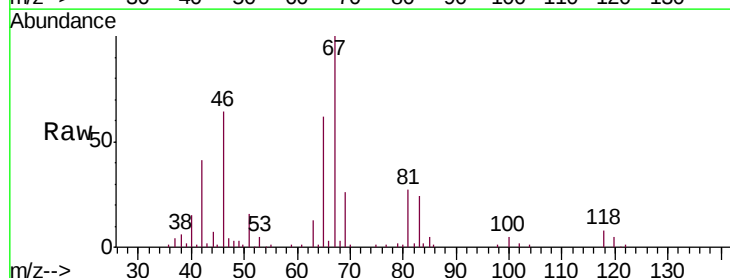
Tgt Ion: 83 Resp: 11567

Ion Ratio Lower Upper

83 100

55 0.6 67.0 100.6#

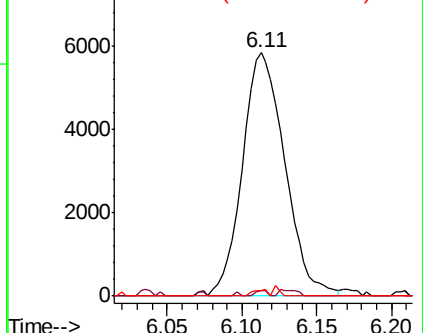
98 0.9 40.0 60.0#

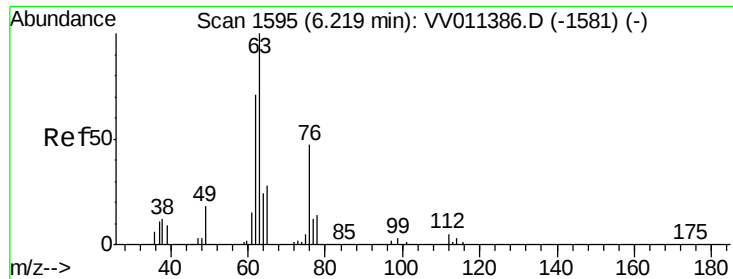


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

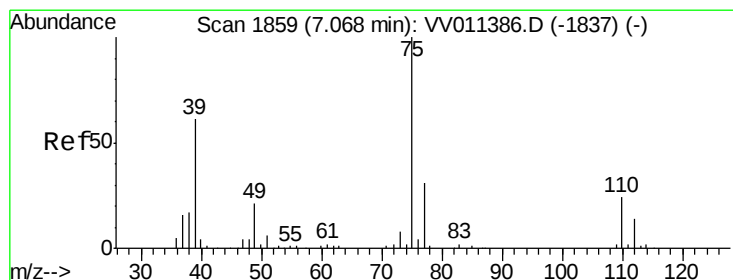
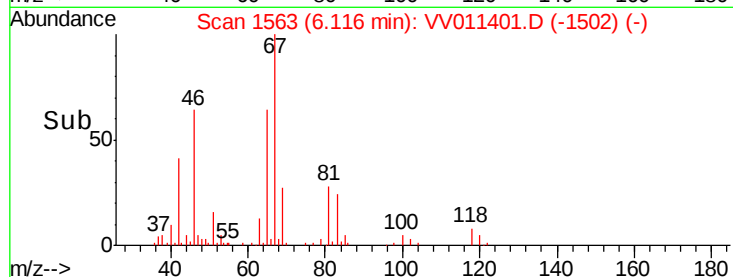
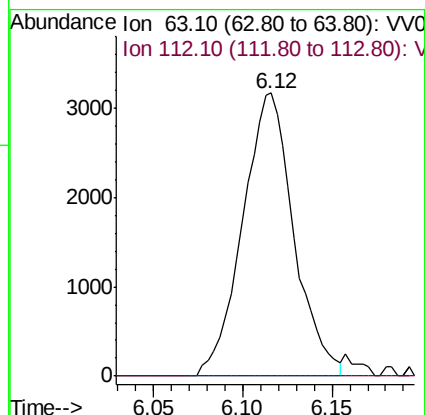
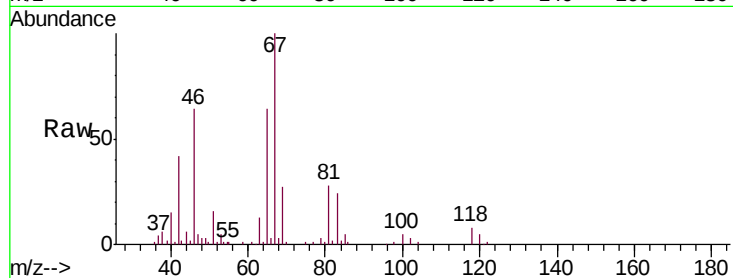




#37
 1,2-Dichloropropane
 Concen: 0.622 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011401.D
 Acq: 11 Jun 2019 19:24

Instrument :
 MSVOA_V
 ClientSampled :
 DB8G0

Tgt Ion: 63 Resp: 6347
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011401.D
 Acq: 11 Jun 2019 19:24

Tgt Ion: 75 Resp: 1349
 Ion Ratio Lower Upper
 75 100
 77 44.7 22.2 41.2#

